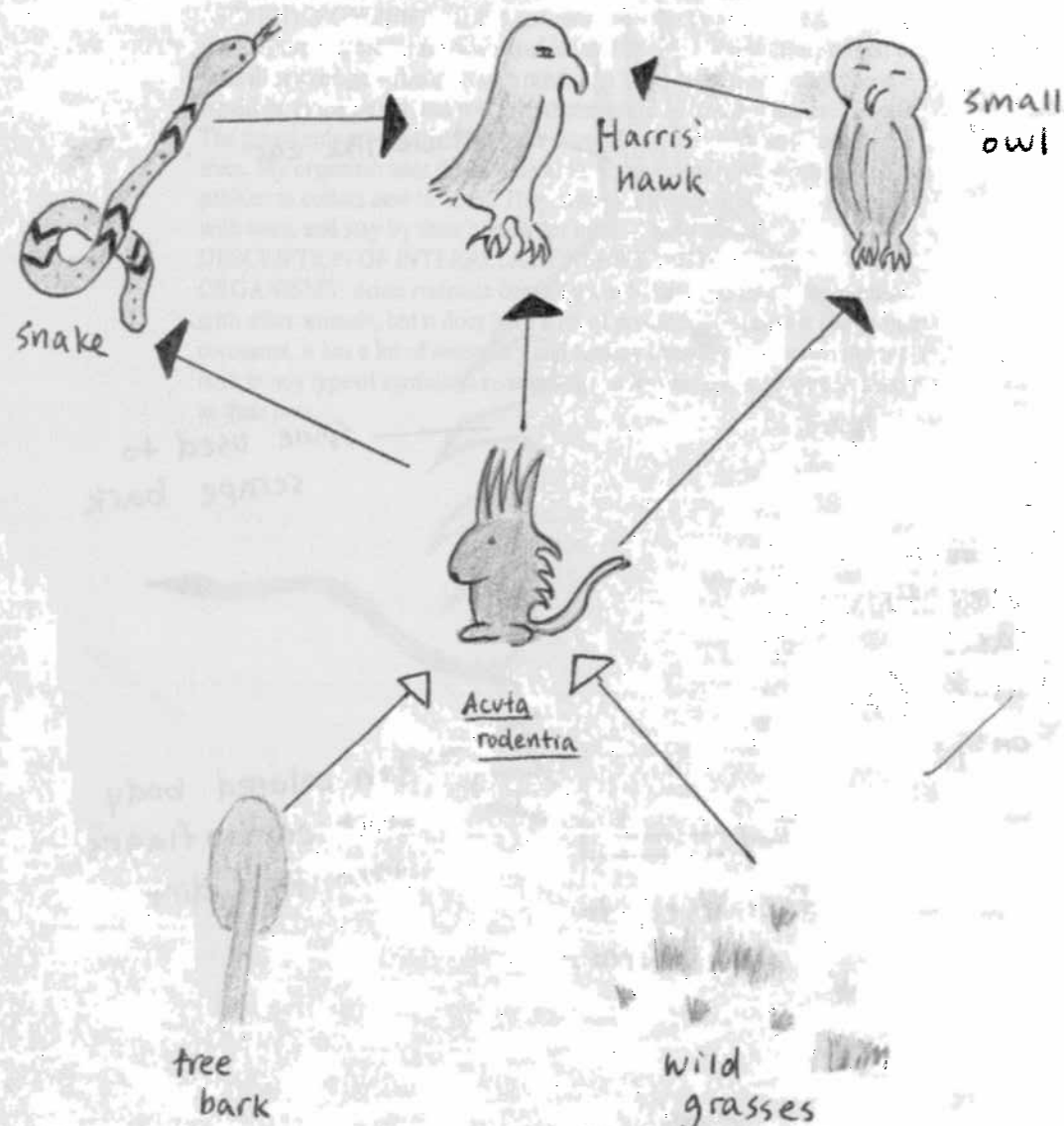


FOOD WEB DIAGRAM



Create a Species

Describing a New Imaginary Species

You are a famous ecologist returning from some far and remote location. During your travels, you discovered a new species of life. Upon your return, you prepare a scientific report on the newly discovered life form to present to your research peers. Below is some background information regarding living things as well as evolutionary relationships.

PURPOSE

In this activity you will apply many ideas and concepts of ecology, classification, and biological diagrams in a creative manner to describe a new imaginary species in a pseudo-scientific report.

PROCEDURE

1. Read through the background information on the paper that your teacher has provided. Carefully read the *CHARACTERISTICS OF LIVING THINGS* section. Although this is an activity designed to inspire your creativity, your organism must have these characteristics.
2. Begin to imagine some creature that you would like to create. It can be a member any one of the five kingdoms described in the background information. Be sure to carefully read *THE FIVE KINGDOMS OF LIVING THINGS* section.
3. It might be easier to begin with a sketch of your creature than by trying to describe it in a report. Let your imagination go wild! But try keeping it within the confines of what we know about living organisms.
4. Be sure to read the 3 other sections of the background information, *BINOMIAL NOMENCLATURE*, *SYMBIOTIC RELATIONSHIPS*, and *FOOD CHAINS AND FOOD WEBS* before beginning your report as you will have to apply concepts from each of these sections in your report/diagrams.
5. Include the required written information in each section on your student answer page.
6. Draw your biological diagram and your food web diagram, according to the instructions given on your student answer page, in the space provided. Use colored pencils to make your diagrams neat, easy to read, and in color. You will have three class periods to finish this activity. Let your imagination go wild!
7. Review the grading rubric at the end of the student answer page to understand how your grade will be determined.